



TECHNICAL COMMITTEE MEETING MINUTES

Wednesday October 7, 2015

3rd Floor Conference Room

Building 11, 111 Harbor View Avenue

Stamford CT 06902

5:00 pm

Daniel Capano	Chairman, Technical Committee
Edward Kelly	Committee Member
Merritt Nesin	Committee Member
Gerald Bosak Jr.	Committee Member (Absent)
William Brink	Executive Director, WPCA
William Degnan	Plant Supervisor, WPCA
Prakash Chakravarti	Supervising Engineer, WPCA

1. Call to Order and Roll Call

D Capano called the meeting to order at 5:05 pm.

2. Approval of June 15, 2015 Technical Committee Meeting Minutes.

M Nesin made the motion to approve the minutes of the meeting for September 16, 2015. Seconded by E Kelly. The motion carried 3-0-0

3. Bi-annual UV system servicing and testing

W Degnan stated that the UV system is scheduled to be serviced on October 27 2015. One of the primary clarifiers would be emptied prior to servicing the UV system. Conn. DEEP has been informed of the servicing and test procedure. D Capano asked that Xylem provide a written document detailing the test procedure and the expected results for review by WPCA and it shall be provided by Monday Oct 19, 2015. W Degnan added that the plant electrician will also install the battery backup for the PLCs. It is planned that the flow to the UV channel will be cutoff and the power supply to the PLCs will be turned off to install the battery back-up and test the UV system programming.

4. Resolution to Soundview Ave. odor complaint,

W Brink said that source of the sewer odors have been identified and is being addressed. Following an onsite meeting with Lisa Coggins, District Representative Kieran Ryan, and P Chakravarti, the sewer manholes at the intersection of Soundview Avenue and Carter Drive and the downstream manholes were identified as the source of sewer odors. The WPCA will procure neoprene gaskets to seal the manhole covers to prevent venting of the sewer odors.

5. Review proposed scope and fee by ARCADIS for SCADA upgrade Implementation

B Brink said that ARCADIS will provide site supervision, programming, review and approve submittals and payment applications and attend progress meetings. The

fee proposal includes

- 1) \$101,000 for construction administration services related to the SCADA upgrade implementation. This work will be performed on an hourly rate not-to-exceed basis.
- 2) SCADA Upgrade Tasks & Software Purchase. This portion includes all SCADA programming & configuration of software, field deployment, startup and training for the new SCADA system in the amount of \$467,000. This fee includes:
 - a. A lump sum portion in the amount of \$403,000 for SCADA Programming, Configuration, Field Deployment, Startup & Training
 - b. \$64,000 allowance for the purchase of software.

The committee decided that they would recommend approval of the scope and fee to the SWPCA Board of Directors.

6. Update on engineering studies,

P Chakravarti had the following updates

- a. Dyke Lane pumping station upgrade.
Attorney Kenneth R. Slater, Jr. of Halloran & Sage has prepared the amendment to Stantec's contract for design of pump station improvements which will be presented to the SWPCA Board of Directors on Monday Oct 19, 2015 for approval
- b. Sludge Degritting Study.
Gannett Fleming has been doing preliminary data gathering from the WPCA for study and they plan on a site visit soon
- c. RFQ for hardware integrator for SCADA
Three submittals were received namely from Aron Associates, Knapp Engineering and NIC Systems Corporation. SWPCA Board members Dan Capano and Ed Kelly, W Brink, W Degnan, Beverly Aveni, Purchasing Agent, P Chakravarti and Ed Kowalski of ARCADIS will be on the selection committee.
- d. Infiltration and Inflow (I/I) Analyses.
The WPCA mechanics have been conducting smoke tests to identify sources of extraneous water that might be entering the sewer system in the Soundview area. They have to further investigate the sewers in the Bishop Meadows Condominium area.
- e. Wedgemere Road area sewers.
Received a response from homeowner at 267 Eden Road suggesting an alternate routing for the sewers to save some trees. P Chakravarti will meet with the property owners on site to review the proposed sewer routing.
- f. Shed for the sludge trailers
W Brink had reached out to Wright-Pierce Engineers to get a design fee estimate. A comprehensive design fee was very high. A simpler design for foundation and odor control was estimated at around \$15,000 to \$20,000. It was decided that additional engineering firms shall be contacted for fee proposals to be in compliance with the purchasing ordinance.
- g. Raw sewage pump station and blower upgrade
Wright-Pierce Engineers will do a workshop for the staff and present the Technical Committee with the proposed upgrade and associated fees at the next Technical Committee meet in Nov, 2015.

7. Update on construction projects,

P Chakravarti had the following.

a. Sludge transfer pumps

Contractor is expected to be on site in the next couple of weeks to address the leaking packing issue and install the pressure sensors.

b. Water line relocation at WPCF

The two waterline relocation was completed however one of them has yet to be cut and a new end cap installed.

8. Old Business

- As indicated in the September 16th 2015 meeting minutes M Nesin asked if the problems with getting bleach to the scrubbers had been resolved. W Brink said that the operators did add carrier water to the chemical feed to the raw sewage pump station odor control scrubber as a test and will be adding it to all the scrubbers after the required piping modifications are made in the Chemical Building.
- M Nesin asked if the cap for waterline had been installed. P Chakravarti said that the cap had not been installed as yet but will be installed in the coming weeks

9. New Business

There was no new business items to be included in the next month's agenda.

There being no other issues to discuss M Nesin made a motion to adjourn the meeting, seconded by E Kelly, motion carried 3-0-0. The meeting was adjourned at 6:25 pm.